

Title (en)

Radio frequency grounding sheet for a phased array antenna

Title (de)

Funkfrequenzerdungsfolie für eine phasengesteuerte Gruppenantenne

Title (fr)

Feuille de mise à la terre de fréquence radio pour antenne réseau à commande de phase

Publication

EP 2763239 A1 20140806 (EN)

Application

EP 13199120 A 20131220

Priority

US 201313757451 A 20130201

Abstract (en)

A method includes coupling a printed circuit board (PCB) and a first conductive sheet to a pressure plate to form an antenna sub-assembly. The first conductive sheet (110) defines a first plurality of openings (112) and includes a first plurality of bumps (212). At least one opening of the first plurality of openings is surrounded by a set of bumps of the first plurality of bumps. The method includes coupling the antenna sub-assembly to a cover to form an antenna assembly.

IPC 8 full level

H01Q 1/38 (2006.01); **H01Q 1/52** (2006.01); **H01Q 3/26** (2006.01); **H01Q 21/00** (2006.01); **H01Q 21/06** (2006.01)

CPC (source: EP US)

H01P 11/00 (2013.01 - US); **H01Q 1/38** (2013.01 - EP US); **H01Q 1/523** (2013.01 - EP US); **H01Q 1/526** (2013.01 - US); **H01Q 3/26** (2013.01 - EP US); **H01Q 21/0087** (2013.01 - EP US); **H01Q 21/061** (2013.01 - EP US); **Y10T 29/49016** (2015.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2763239 A1 20140806; **EP 2763239 B1 20180214**; US 2014218257 A1 20140807; US 9472843 B2 20161018

DOCDB simple family (application)

EP 13199120 A 20131220; US 201313757451 A 20130201